

Recombinant COVID-19 N protein, His-tagged

Cat. No. N-2425V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 N protein(P0DTC9)(1-419aa(P13L,Δ31-33,R203K,G204R)), fused with N-terminal His tag, was expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	1-419aa(P13L,Δ31-33,R203K,G204R)
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MSDNGPQNQRNALRITFGGPSDSTGSNQNGGARSKQRRPQGLPNNTASWFTALT
 QHGKEDLKFPRGQGVPIINTNSSPDDQIGYYRRATRRIRGGDGKMKDLSRWYFYLL
 GTGPEAGLPYGANKDGIWVATEGALNTPKDHIGTRNPANNAIVLQLPQGTTLPKG
 FYAEGSRGGSQASSRSSSRNRNSTPGSSKRTSPARMAGNGGDAALALLLD
 RLNQLESKMSGKGQQQGGQTVTKKSAAEASKKPRQKRTATKAYNVTQAFGRRGP
 EQTQGNFGDQELIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTWLTYT
 GAIKLDDKDPNFKDQVILLNKHIDAYKTFPPTPEKKDKKKKADETQALPQRQKKQQT
 VTLLPAADLDDFSKQLQQSMSSADSTQA

SDS-PAGE

